2 1 JAN 2005 DT02 Rec'd PCT/PT0

PTO-1390 (Rev. 12-2004)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	TE	RANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER											
		DESIGNATED/ELECTED	2830-0186PUS1											
C		NCERNING A SUBMISSION	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)											
INTE	RN	ATIONAL APPLICATION NO.	PRIORITY DATE CLAIMED											
TITLI	E OF	PCT/JP03/09223 FINVENTION RANKINE CYC	22 July 2003 CLE SYSTEM	24 July 2002										
APPLICANT(S) FOR DO/EO/US Akihisa SATO and Shigeru IBARAKI Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:														
Appli	cant	7	-											
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.													
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.												
3.	This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.													
4.		The US has been elected (Article 31).												
5.	х	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))												
	a.	is attached hereto (required only if not communicated by the International Bureau).												
	b.	x has been communicated by the International Bureau.												
	c.	is not required, as the application was filed in the United States Receiving Office (RO/US).												
6.	х	An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).												
	ъ. а.	x is attached hereto.												
	b.	has been previously submitted under 35 U.S.C. 154(d)(4).												
7.	x	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))												
	<u>а</u> .													
	b.	have been communicated by the International Bureau.												
	c.	have not been made; however, the time limit for making such amendments has NOT expired.												
	d.	x have not been made and will		,										
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).												
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).												
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).												
ltem	s 11		ent(s) or information included:											
11.		1	ment under 37 CFR 1.97 and 1.98.											
12.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.												
13.	_	A preliminary amendment.												
14.	х	An Application Data Sheet under 37 CFR 1.76.												
15.		A substitute specification.												
16.		A power of attorney and/or change of address letter.												
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13 <i>ter</i> .2 and 37 CFR 1.821 - 1.825.												
18.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).												
19.	_	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).												
20.	x		T/ISA/210 & Thirteen Sheets of Formal I											
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U.S. APPLICATION NO. 4 Application No. PCT/JP03/09223									ATTORNEY'S DOCKET NUMBER 2830-0186PUS1				
21. The foll	owing	fees are su	bmitted	:				Applicant Use		Office Use Only			
x a) Basic													
x b) Exami	inatior	n fee	00.00	s	200.00								
x c) Search	h fee		s	500.00									
			\$										
Addition	al fee t	L OF ABOVE for specification ig or computer additional 50 sl	3	1,000.00									
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TOTAL OF ABOVE CALCULATIONS = \$ 1,130.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.													
			STOTAL =	\$.	1,130.00								
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).													
					TOTAL	NATION	AL FEE =	\$	1,130.00	1			
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b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.													
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					CFR 1.495 has no ional Application			revive	(37 CFR 1.137 (a) or (b))			
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